



Product name: Cutting and Grinding
Discs
Version/Revision (date): Ed17_1
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**Voluntary product information based on the format of a safety data sheet
for organic bonded abrasives**

1. Identification of the product and of the company/undertaking

1.1 Product identifier

Cutting and Grinding Discs

1.2 Use of the product

Organic bonded abrasives for the grinding/cutting of different kinds of materials.

1.3 Details of the supplier of the voluntary product information:

Company: Weldcote

Address: 7720 Lehigh Ave
Niles, IL 60714, USA

Phone: +1-224-998-2600

Fax: +1-224-998-2649

E-mail: ordersniles@weldcotemetals.com

National contact: Daniel Ramirez

1.4 Emergency telephone number: +1-224-998-2600

2. Hazards identification

2.1. Classification

Not applicable

Abrasives are articles and not dangerous substances or mixtures according to Regulation (EC) N°1272/2008.

See also section 8 and 16.

2.2. Label elements

Abrasives are articles and not dangerous substances or mixtures and therefore no labelling is required according to Regulation (EC) N° 1272/2008.

2.3. Other hazards

Not known.

3. Composition/information on ingredients

The product contains the following ingredients which are classified according to Regulation (EC) Nr. 1272/2008 or for which a community occupational exposure limit value exists:

| Substance | EC-N° | CAS-N° | REACH Registration N° | Conc. (%) | Classification acc. to Regulation (EC) N° 1272/2008 (CLP) | |
|------------------------------|-----------|------------|-----------------------|-----------|--|--------------------------------------|
| | | | | | Hazard classes/ hazard categories | Hazard statements |
| Aluminium potassium fluoride | 236-153-1 | 60304-36-1 | 01-2119513404-51 | 3 - 8 | Repr.2 Acute Tox. 4 STOT RE 1 Eye Irrit. 2 Aquatic Chronic 3 | H361 H332 H372 H319 H412 |
| | | | | | | |

(For full text of H- and R-phrases see section 16)

4. First aid measures

See also section 8 and 16

4.1. Description of first aid measures

Inhalation: Not possible, due to the form of the product
 Eye contact: Not possible, due to the form of the product
 Skin contact: No harmful effects known
 Ingestion: Not likely, due to the form of the product; if necessary contact physician
 Note to physician: Not available.

4.2. Most important symptoms and effects, both acute and delayed

Not known.

4.3. Indication of any immediate medical attention and special treatment needed

Not relevant. Treat symptomatically.

5. Fire fighting measures

5.1. Extinguishing media

Extinguishing media: water, foam, sand, powder or CO₂ as appropriate for surrounding materials

5.2. Special hazards arising from the product

Toxic fumes may occur. Use respiratory protective equipment.

5.3. Advice for fire fighters

Extinguishing materials should be selected according to the surrounding area.

6. Accidental release measures

Not applicable.

7. Handling and storage

Follow instructions of grinding machine manufacturers and the relevant national regulations. In addition, observe the safety recommendations of the manufacturer.

8. Exposure controls/personal protection

8.1. Control parameters

Before grinding it is recommended to perform a risk assessment and to use personal protection equipment accordingly.

Occupational exposure limit values and/or biological limit values

Keep exposure to the following components under surveillance.
(Observe also the regional official regulations)

| Limit value type (country of origin) | substance | EC-N° | CAS-N° | Occupational limit value | | | | Peak limit | source, remark |
|---|---------------------------------|-----------|------------|--------------------------|-------------------------|-------------------|-------------------------|------------|----------------|
| | | | | Long term | | Short term | | | |
| | | | | mg/m ³ | ml/m ³ (ppm) | mg/m ³ | ml/m ³ (ppm) | | |
| | Potassium Aluminium Fluoride | 262-153-1 | 60304-36-1 | 2.5 | | | | OEL | |
| | | | | 2.5 | | | | TLV-ACGIH | |

Note: Hazardous dust of the workpiece material may be generated during grinding and/or sanding operations. National regulations for dust exposure limit values have to be taken into consideration.

8.2. Exposure controls

8.2.1. Individual protection measures

8.2.1.1. Respiratory protection: Use respiratory protective equipment

(type depends on specific application and material being ground)

8.2.1.2. Hand protection: Wear protective gloves

(type depends on specific application and material being ground)

8.2.1.3. Eye protection: Wear protective goggles or face shield

(type depends on specific application and material being ground)

- 8.2.1.4. Hearing protection: Use hearing protection
(type depends on specific application and material being ground)
- 8.2.1.5. Body protection: Use protective clothing
(type depends on specific application and material being ground)

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

- 9.1 Physical state: solid
- 9.2 Colour: red brown - grey
- 9.3 Solubility in water: insoluble

9.2. Other information

None.

10. Stability and reactivity

10.1. Reactivity

Coated Abrasives are stable when handled or stored correctly.

10.2. Chemical stability

No decomposition in normal use.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Coated Abrasives are stable when handled or stored correctly.

10.5. Incompatible materials

No dangerous reactions known.

10.6. Hazardous decomposition products

At temperatures exceeding 250° C hazardous or toxic decomposition products may be generated.

11. Toxicological information

11.1. Information on toxicological effects

No toxicological effects if inhaled or swallowed or with eye or skin contact are known.
See also section 8.

12. Ecological information

12.1. Toxicity

No effects known.

12.2. Persistence and degradability

No biodegradable potentials known.

12.3. Bioaccumulative potential

No potentials known.

12.4. Mobility in soil

No potentials known.

12.5. Results of PBT and vPvB assessment

Not relevant.

12.6. Other adverse effects

No effects known.

13. Disposal considerations

13.1. Waste treatment methods

13.1. Product

Follow national and regional regulations.

Due to the ingredients and properties disposal as non hazardous waste (2000/532/EC) is possible if no hazardous materials are added to the abrasives. (EWC – Nr. 120121)

13.2. Packing

Follow national and regional regulations.

14. Transport information

The product is not covered by international regulation on the transport of dangerous goods.

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the product

No specific labelling requirements under respective EC directives.

15.2. Chemical safety assessment

None of restricted substances in REACH Annex XVII are included in these articles.

None of the actual SVHC candidates are included in these articles.

16. Other information

Changes to the previous versions

See sections 1 to 16.

Literature and data sources

REACH Regulation (EC) Nr. 1907/2006
Regulation (EC) N° 1272/2008
Directive 98/24/EC
Directive 2000/39/EC
Directive 75/324/EEC
Decision 2000/532/EC
Transport regulations according to ADR, RID und IATA.

Hazard statements referred to in section 2 and 3 According to Regulation (EC) N° 1272/2008:

H – phrases for PAF
H361 May damage fertility or the unborn child
H332 Harmful by inhalation
H372 Danger of serious damage to organs by prolonged exposure
H319 Irritating to eyes
H412 Harmful to aquatic organism with long-term adverse effects

The above information is based on our current standard of knowledge and does not constitute any warranty of conditions of the product. The information does not form part of any contractual agreement. It remains the user's responsibility to adhere existing laws and regulations.

Issued by: Safety Department

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